

FORM PTO-1390 (REV 5-93)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 107348-00599
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		DATE: July 9, 2007	
		U.S. APPLN. NO. (IF KNOWN, SEE 37 C.F.R. 1.5) 10/590,084	
INTERNATIONAL APPLICATION NO. PCT/JP2005/003129	INTERNATIONAL FILING DATE February 25, 2005	PRIORITY DATE CLAIMED February 7, 2004	
TITLE OF INVENTION: ELECTROMAGNETIC FUEL INJECTION VALVE AND PROCESS FOR PRODUCING THE SAME			
APPLICANT(S) FOR DO/EO/US: Akira AKABANE			
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The U.S. has been elected (Article 31).</li> <li>5. <input type="checkbox"/> A copy of the International Application as filed [35 U.S.C. 371(c)(2)] <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application into English [35 U.S.C. 371(c)(2)]. <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)] <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)].</li> </ol> <p><b>Items 11 to 20 below concern other document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98; and PTO-SB08 Form; References ( ).</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information: Notification of Missing Requirements (copy)</li> </ol>			

U.S. APPLN. NO. (IF KNOWN, SEE 37 C.F.R. 1.50) 10/590,084'	INTERNATIONAL APPLICATION NO. PCT/JP2005/003129	ATTORNEY DOCKET NO. 107348-00599	
The following fees are submitted:		CALCULATIONS PTO USE ONLY	
21. <input type="checkbox"/> Basic National Fee ..... \$300.00		\$	
22. <input type="checkbox"/> Examination Fee If International Preliminary Examination Report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$100.00 All other situations ..... \$200.00		\$ --	
23. <input type="checkbox"/> Search Fee Search Fee (37 CFR 1.445(a)(2)) has been paid on the International Application to the USPTO as an International Searching Authority International Search Report prepared and provided to the Office ..... \$100.00 ..... \$400.00 ..... \$500.00 All other situations		\$ --	
TOTAL OF CALCULATIONS FOR 21, 22 and 23 =		\$ --	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	Rate
- 100 =	/50 =		x \$250.00
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date [37 C.F.R. 1.492(e)].		\$ 130.00	
Claims	Number Filed	Number Extra	Rate
Total Claims	-- 20 =	--	x \$ 50.00
Independent Claims	-- 3 =	--	x \$200.00
Multiple dependent claim(s) (if applicable)		+ \$360.00	\$ --
TOTAL OF ABOVE CALCULATIONS =		\$ 130.00	
Reduction by one-half for filing by small entity, if applicable. Small entity status under 37 C.F.R. §§1.9 and 1.27 is hereby claimed.		\$	
SUBTOTAL =		\$ 130.00	
Processing fee of \$130.00 for furnishing the English translation later the <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date [37 C.F.R. 1.492(f)]. +		\$	
TOTAL NATIONAL FEE =		\$ --	
Fee for recording the enclosed assignment [37 C.F.R. 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property +		\$ 40.00	
TOTAL FEES ENCLOSED =		\$ 170.00	
		Amount to be refunded	\$
		Charged	\$
a. <input checked="" type="checkbox"/> Check # 468923 in the amount of \$ 170.00 to cover the above fees is enclosed.			
b. <input type="checkbox"/> Please charge my Deposit Account No. 01-2300 in the amount of \$ _____ to cover the above fee.			
c. <input checked="" type="checkbox"/> A duplicate copy of this sheet is enclosed.			
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-2300.	07/10/2007 GFRY1 00000135 10590084		
NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to review (37 C.F.R. 1.137(a) or 1.137(b)) must be filed and granted to restore the application to pending status.			
SEND ALL CORRESPONDENCE TO: Customer No. 004372 Arent Fox LLP 1050 Connecticut Avenue, N.W. Suite 400 Washington, D.C. 20036-5339 Tel: (202) 857-6000 Fax: (202) 638-4810			
Charles M. Marmelstein Reg. No. 25, 895			
CMM:ta			



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

B. 11:19  
5/8

U.S. APPLICATION NUMBER NO.

10/590,084

FIRST NAMED APPLICANT

Akira Akabane

ATTY. DOCKET NO.

107348-00599

INTERNATIONAL APPLICATION NO.

PCT/JP05/03129

I.A. FILING DATE

02/25/2005

PRIORITY DATE

02/07/2004

4372  
AREN'T FOX PLLC  
1050 CONNECTICUT AVENUE, N.W.  
SUITE 400  
WASHINGTON, DC 20036

**CONFIRMATION NO. 4159**  
**371 FORMALITIES LETTER**



\*OC00000023734631\*

Date Mailed: 05/08/2007

## **NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 08/21/2006
- English Translation of the IA filed on 08/21/2006
- Copy of the International Search Report filed on 08/21/2006
- Copy of IPE Report filed on 08/21/2006
- Preliminary Amendments filed on 08/21/2006
- Information Disclosure Statements filed on 08/21/2006
- Request for Immediate Examination filed on 08/21/2006
- U.S. Basic National Fees filed on 08/21/2006
- Priority Documents filed on 08/21/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

### SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$130** for a Large Entity:

- \$130 Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

SHELBY J VIGIL

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Telephone: (703) 308-9140 EXT 224

PART 1 - ATTORNEY/APPLICANT COPY

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U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/590,084	PCT/JP05/03129	107348-00599

FORM PCT/DO/EO/905 (371 Formalities Notice)